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1 Enhanced hypertext categorization using hyperlinks

Soumen Chakrabarti, Byron Dom, Piotr Indyk

 June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data**, Volume 27 Issue 2

Full text available: pdf(1.91 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A major challenge in indexing unstructured hypertext databases is to automatically extract meta-data that enables structured search using topic taxonomies, circumvents keyword ambiguity, and improves the quality of search and profile-based routing and filtering. Therefore, an accurate classifier is an essential component of a hypertext database. Hyperlinks pose new problems not addressed in the extensive text classification literature. Links clearly contain high-quality semantic clues that ...

2 A practical hypertext categorization method using links and incrementally available class information

Hyo-Jung Oh, Sung Hyon Myaeng, Mann-Ho Lee

 July 2000 **Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(674.31 KB)

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As WWW grows at an increasing speed, a classifier targeted at hypertext has become in high demand. While document categorization is quite a mature, the issue of utilizing hypertext structure and hyperlinks has been relatively unexplored. In this paper, we propose a practical method for enhancing both the speed and the quality of hypertext categorization using hyperlinks. In comparison against a recently proposed technique that appears to be the only one of the kind, we obtained up to 18.5% of ...

Keywords: text categorization

3 Hypertext analysis: Automatic categorization of web sites based on source types

Shourya Roy, Sachindra Joshi, Raghu Krishnapuram

 August 2004 **Proceedings of the fifteenth ACM conference on Hypertext & hypermedia**

Full text available: pdf(134.08 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

An important issue with the Web is verification of the accuracy, currency and authenticity of the information associated with Web sites. One way to address this problem is to identify



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Relevance scale ☐ ☐ ☐ ☐ ☐**1 Image Retrieval from the World Wide Web: Issues, Techniques, and Systems**

M. L. Kherfi, D. Ziou, A. Bernardi

March 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 1Full text available: [pdf\(294.13 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

With the explosive growth of the World Wide Web, the public is gaining access to massive amounts of information. However, locating needed and relevant information remains a difficult task, whether the information is textual or visual. Text search engines have existed for some years now and have achieved a certain degree of success. However, despite the large number of images available on the Web, image search engines are still rare. In this article, we show that in order to allow people to profi ...

Keywords: Image-retrieval, World Wide Web, crawling, feature extraction and selection, indexing, relevance feedback, search, similarity

2 Information retrieval on the web

Mei Kobayashi, Koichi Takeda

June 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 2Full text available: [pdf\(213.89 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we review studies of the growth of the Internet and technologies that are useful for information search and retrieval on the Web. We present data on the Internet from several different sources, e.g., current as well as projected number of users, hosts, and Web sites. Although numerical figures vary, overall trends cited by the sources are consistent and point to exponential growth in the past and in the coming decade. Hence it is not surprising that about 85% of Internet user ...

Keywords: Internet, World Wide Web, clustering, indexing, information retrieval, knowledge management, search engine

3 Versioning and fragmentation: Managing versions of web documents in a transaction-time web server

Curtis E. Dyreson, Hui-ling Lin, Yingxia Wang

May 2004 **Proceedings of the 13th international conference on World Wide Web**

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L2	6	(n-dimension\$3 or mulldimension\$3 or (multiple adj dimension\$3)) same (document or words! or subject) and retriev\$4 and search\$6 and (hyperlink\$3 or link) and (metadata or (meta adj data)) adj information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 07:45
L3	112	(n-dimension\$3 or mulldimension\$3 or (multiple adj dimension\$3)) same (document or words! or subject) and retriev\$4 and search\$6 and (hyperlink\$3 or link)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 07:45
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L9	85	8 and (n-dimension\$3 or multldimension\$3 or (multiple adj dimension\$3)) adj10 (document or words! or subject)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 08:00
L10	14	9 and index\$5 adj (information or document)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 08:01
L11	6	10 and (metadata or (meta adj data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 08:03